REPORT

Waste Management Plan
Bossert Site

City of Utica
Utica, New York

January 1998

O'BRIEN & GERE
ENGINEERS, INC.

450.046

REPORT

Waste Management Plan
Bossert Site

City of Utica
Utica, New York

Swiatoslav W. Kaczmar, Ph.D., CIH
Vice President

January 1998

O'BRIEN & GERE ENGINEERS, INC.

5000 Brittonfield Parkway
P.O. Box 4873
Syracuse, New York

Contents

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1. Introduction

This Waste Management Plan (WMP) describes the waste management procedures utilized for Phase I investigation and removal activities conducted by O'Brien & Gere and its subcontractors on behalf of the City of Utica at the Bossert Site in Utica, New York (the "Site"). The Site (as shown in Figure 1) is owned by the City of Utica and is listed as a Class 2 inactive hazardous waste site by the State of New York (Site Code 6-33-029). Eligible Phase I costs associated with the investigation and remediation of the Site have been reimbursed to the City at 75% under Title 3 of the 1986 Environmental Quality Bond Act. Funding was formally established in New York State Assistance Contract #C300241 between the City and the New York State Department of Environmental Conservation (NYSDEC) in 1991.

The objective of the WMP is to document waste handling and disposal activities that took place during Phase I investigative and remedial efforts, Tasks 1 through 6. Phase I, Task 7 entitled Remedial Construction, is the last remaining Phase I Task to be completed as of this date. Phase I investigation and removal activities are presented in detail in the Work Plan (O'Brien & Gere, 1993a), and the Analysis of Remedial Alternatives (O'Brien & Gere, 1994). The WMP, originally issued in draft form in 1993, is designed to complement the Phase I Work Plan and Field Sampling Plan (O'Brien & Gere, 1993b); therefore, it is recommended that this document be reviewed in conjunction with these plans.

The reviewer should note that the intent of the draft and final plan versions are different. The draft 1993 plan was designed to identify waste management and disposal practices that were to be conducted by or under the oversight of O'Brien & Gere Engineers as engineering consultant to the City of Utica. However, since the City of Utica is no longer the project lead, O'Brien & Gere will no longer act in this capacity. Consequently, O'Brien & Gere cannot assume responsibility for future waste management and disposal at the Site. It is assumed, however, that future activities of this nature will be performed in a manner consistent with the procedures outlined in this plan, the Bossert design specifications, and the directions of NYSDEC or USEPA. Activities covered by this plan occurred from

March 1993 (the date of the Draft Waste Management Plan) to October 1997 (the date of the Technical Specifications and Payment Items).

This WMP addresses the following issues as they relate to waste management and disposal at the Bossert Site:

- Site access
- Site security
- Contingency procedures
- Management responsibilities
- Waste disposal

2. Site access

A general location map of the Site is included as Figure 1. To date, Phase I activities have been confined within the Site boundaries. Site boundaries and adjoining properties are shown on Figure 2. As currently designed, it is not anticipated that access to adjoining properties will be required until Phase II investigative activities are initiated. As Phase I, Task 7 remediation progresses, however, the need to access adjoining properties will be re-evaluated. Access to the Site occurs via existing roads - no road construction or land clearing has been required or is anticipated.

3. Site security

Trespass on the Site may result in exposure to potentially hazardous conditions. Therefore, security measures have been implemented during Phase I to restrict unauthorized entry to the Site. These measures are described in the Bossert Site Security Plan (O'Brien & Gere, 1993c). The entry gates have been locked at the conclusion of each day by O'Brien & Gere when activities have been ongoing. During on-site Phase I activities for which they were responsible, representatives from either O'Brien & Gere Engineers, Inc. (O'Brien & Gere) or Harza Northeast of Utica, New York (Harza, as a prime subcontractor to O'Brien & Gere) have monitored the Site for unauthorized access. The integrity of the chain link fence surrounding the Site has been examined periodically during Phase I and repaired as necessary. As part of efforts to maintain Site security, brush clearing was performed at the Site perimeter by the City of Utica in the Fall of 1993. Warning signs were installed around the Site perimeter in December 1993.

The USEPA reoccupied the Site in September 1997 and is currently providing Site security as part of remedial action/construction activities.

4. Contingency procedures

Potentially dangerous conditions could develop during the performance of certain activities associated with the Site. Potentially dangerous conditions present at the Site are physical hazards associated with: the operation of heavy equipment, poor facility illumination and the dilapidated condition of portions of the structure. The Site Safety Plan (O'Brien & Gere, 1993d) describes in detail physical hazards present at the Site. The Health and Safety Plan (HASP) describes these conditions and prescribes preventive measures to be implemented by workers engaged in Site activities (O'Brien & Gere, 1993e). As described in the HASP, the Site Safety and Health Officer (SSHO) or his designee has been responsible for observing potentially dangerous activities and implementing required mitigating actions during phase I investigation activities.

Areas of structural collapse and potential structural collapse were identified by engineers from O'Brien & Gere and Harza Northeast during two separate structural surveys. These areas were denoted on the construction drawings included in the October 1997 Technical Specifications and Payment Items. During January and February 1997, additional fencing was installed around the Bossert building in an attempt to protect passersby from the potential for falling masonry.

The City and NYSDEC will be notified of the occurrence of any situations observed by O'Brien & Gere which appear to create hazardous conditions at the Site.

5. Management and organization

For Task 1 through 6 (Phase I) investigative and removal activities, the City of Utica retained O'Brien & Gere to perform investigation and remedial design services at the Site. Harza was retained as a subcontractor to O'Brien & Gere. Harza has provided engineering support throughout Phase I, Tasks 1 through 6. Lu Engineers was subcontracted through Harza Northeast to perform selected design activities. The organizational structure for this portion of the investigation of the Site is described below.

5.1. PRP Group

The City of Utica has authorized the City Engineer to negotiate agreements and act as a point of contact on behalf of the City. The City of Utica is also the lead agency for Title 3 program activities.

5.2. O'Brien & Gere

Dr. Swiatoslav W. Kaczmar, CIH, of O'Brien & Gere serves as Project Officer. In this role, he is responsible for overall project oversight and administration. Mr. Jeffrey E. Banikowski, CPG, of O'Brien & Gere and Paul Romano, P.E., of Harza serve as Project Managers, with responsibility for day-to-day management of the project, including monitoring and reporting of progress and preparation of deliverables. Mr. John Brady, who was the project manager for much of Phase I of the Bossert Site remediation, was replaced in 1996 by Mr. Romano as project manager for Harza Northeast. Kyle Thomas of O'Brien & Gere and Patricia Rosato of Harza assist Mr. Banikowski and Mr. Romano in the day-to-day aspects of the investigation and may be contacted in the absence of the Project Managers. Other O'Brien & Gere functions, including field operations, are described in the Quality Assurance Project Plan (QAPP) (O'Brien & Gere 1993f), the Field Sampling Plan, and the HASP.

5.3. Subcontractors

For Phase I, Tasks 1 through 6, O'Brien & Gere retained subcontractors for certain specialized efforts at the Site, as follows:

- Engineering support - Harza.
- Laboratory analysis - H2M Laboratories, Melville, New York.
- Underground storage tank removal - Environmental Products and Services, Syracuse, New York
- Chemical removal - Clean-Harbors, Natick, Massachusetts.
- Additional engineering support - Lu Engineers, Inc.
- Data validation - Toxicon, Inc. and Data Validation Services, Inc.
- Wildlife control - Professional Nuisance Control, Inc.
- Geophysical survey - Malcolm Pirnie, Inc.

In addition, contractors were retained directly by the City of Utica for certain other specialized efforts at the Site:

- Site security upgrades - O'Brien & Gere Technical Services, Inc.
- Warning sign installation - ABC McCleary, Inc.
- Fence installation and repair - Rogers Fence Co.

6. Waste disposal

6.1. Site investigation efforts

Liquid and solid waste streams were generated as a result of Phase I investigation efforts completed to date. Waste streams included: wash and rinse solutions from sampling equipment decontamination, and disposable materials including personal protective equipment and sampling equipment. Personal protective equipment, such as Tyvek® clothing, protective gloves, and latex gloves, was placed into plastic garbage bags and stored in the decontamination zone (Room 7) on-Site (see Figure 3) with the intention that these materials be disposed as PCB waste during Phase I, Task 7 removal activities. Decontamination water was retained in the decontamination pad and allowed to evaporate. Currently a number of empty 55-gal drums are present in the Phase I decontamination zone at the Site (Room 7). The drums were used to store decontamination water and drill cuttings generated during the remedial investigation of the nearby City of Utica Primoshield site (also a Title 3 project). The drums were cleaned at Primoshield prior to being transported to the Bossert Site. The Primoshield investigation is discussed in the *Remedial Investigation Report, Primoshield Remedial Investigation/Feasibility Study Site Code 6-33-027* (O'Brien & Gere, 1994). Waste management associated with the remedial investigation is discussed in *Waste Management Plan - Primoshield RI/FS* (O'Brien & Gere, 1998). The drums were placed at the Site so that they could either be used during future investigation and removal actions at the Bossert Site or be removed and properly disposed along with other waste materials at the Site during Phase I, Task 7 remediation activities.

6.2. Emergency chemical removal

On October 1, 1993, Clean-Harbors Environmental Services, Inc., (Clean-Harbors) under subcontract to O'Brien & Gere, performed an emergency

removal of miscellaneous chemicals at the Bossert Site which had been discovered during a previous Site visit. Wastes were transported by Clean-Harbors to Clean Harbors of Natick, Inc. for disposal. O'Brien & Gere's November 11, 1993 and February 18, 1994 letters to Mr. Jim Reagan (NYSDEC) documenting the chemical removal effort are included as Appendix 1. Also included in Appendix 1 is the *Waste Disposal Summary* table which lists disposal information of the materials removed during the emergency chemical removal.

6.3. Underground storage tank (UST) removal

From January 16, 1995 through January 30, 1995 Environmental Products & Services, Inc. removed a 20,000-gal fuel oil tank from the Site. The effort is described in O'Brien & Gere's April 1995 *Tank Closure Site Assessment - Bossert Manufacturing Plan Underground Storage Tank Removal Report.* Wastes generated as result of this effort consisted of solid and liquid contents of the UST, decontamination water from tank cleaning operations, affected soil from the excavation, and the decommissioned steel tank. Affected soil was analyzed and shipped to Seneca Meadows Landfill in Waterloo, New York for disposal. No. 6 fuel oil from the UST was disposed at Industrial Oil Tank Services Corp. in Verona, New York. Water/oil mixture from the UST and generated from tank cleaning efforts was disposed at Environmental Products & Services, Inc. in Syracuse, New York. Following cleaning, the empty tank was shipped to Surplus & Scrap Metals in Frankfort, New York where it was cut up for scrap.

Documentation related to disposition of the tank, soil, and tank contents is included in Appendix 2.

6.4. Phase I remedial activities

Phase I, Task 7 remedial activities are to consist of the following:

- oil and grease line removal
- mercury drain line decontamination
- asbestos removal
- machinery and transformer decontamination and removal
- debris removal from Areas 2 and 3
- remediation of boiler room sump pits
- crate removal

Removal efforts will generate waste material requiring disposal. Decontamination efforts will also result in the generation of waste streams (such as decontamination waste waters) requiring treatment or disposal, or both. Contractors involved in the above efforts will be required to adhere to the Materials Handling section of the *Technical Specifications and Payment Items, Former Bossert Manufacturing Plant - Phase I Remediation (Site Code 6-33-029)* prepared by O'Brien & Gere Engineers, October 1997 (O'Brien & Gere 1997). Compliance with these waste management specifications and applicable laws and regulations is the responsibility of the contractor employed by NYSDEC or by USEPA.

7. Conclusions

Based on data supplied by subcontractors for the UST and emergency chemical removal actions, it appears that wastes generated as a result of these activities were appropriately managed and disposed. With regard to future wastes likely to be generated during phase I remediation, design specifications for phase I remediation activities require that waste handling procedures comply with applicable laws and regulations. It is anticipated that contractors will be contractually bound to adhere to these requirements under USEPA Phase I remedial action oversight.

References

O'Brien & Gere, 1993a: *Work Plan - Phase I Bossert Site*; O'Brien & Gere Engineers, Inc., November 1993.

O'Brien & Gere, 1993b: *Field Sampling Plan - Phase I Bossert Site*; O'Brien & Gere Engineers, Inc., September 1993.

O'Brien & Gere, 1993c: *Site Security Plan - Phase I Bossert Site*; O'Brien & Gere Engineers, Inc., July 1993.

O'Brien & Gere, 1993d: *Site Safety Plan - Phase I Bossert Site*; O'Brien & Gere Engineers, Inc., July 1993.

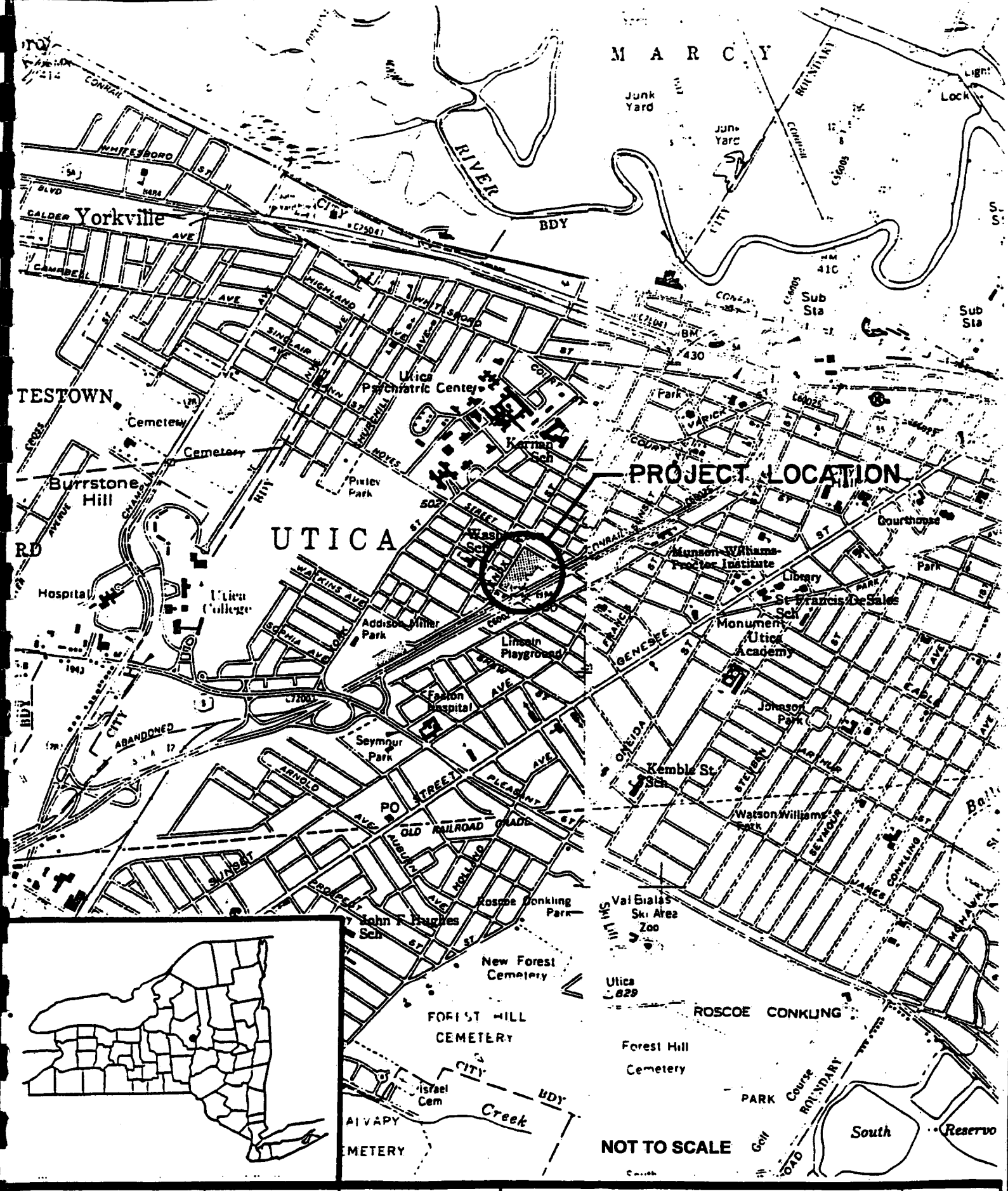
O'Brien & Gere, 1993e: *Health & Safety Plan - Phase I Bossert Site*; O'Brien & Gere Engineers, Inc., November 1993.

O'Brien & Gere, 1993f: *Quality Assurance Project Plan - Phase I Bossert Site*; O'Brien & Gere Engineers, Inc., November 1993.

O'Brien & Gere 1994: *Remedial Investigation Report, Primoshield Remedial Investigation/Feasibility Study Site Code 6-33-027*; O'Brien & Gere Engineers, September 1994.

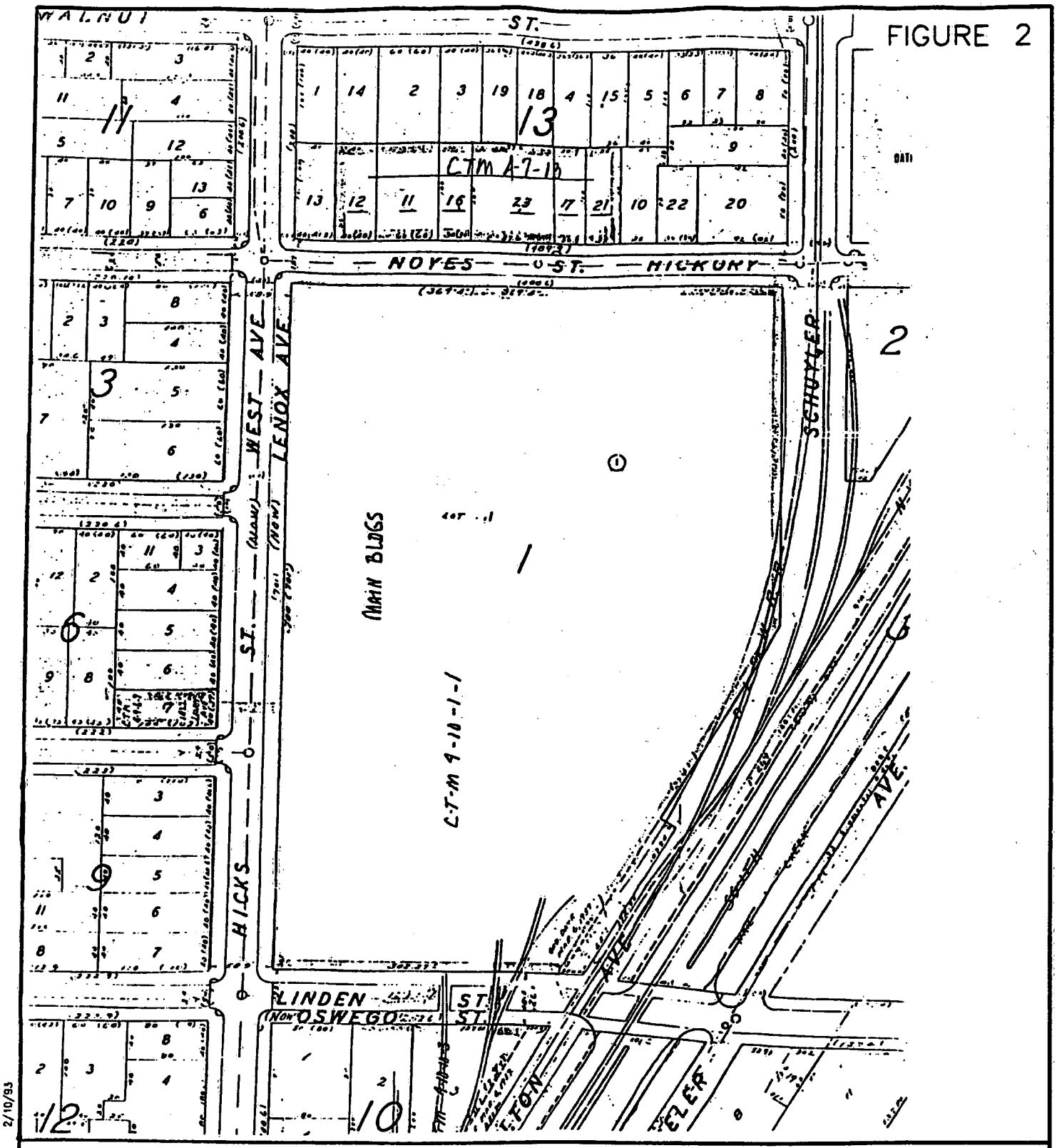
O'Brien & Gere, 1997: *Technical Specifications and Payment Items, Former Bossert Manufacturing Plant - Phase I Remediation (Site Code 6-33-029)*; O'Brien & Gere Engineers, October 1997.

O'Brien & Gere, 1998: *Waste Management Plan - Primoshield RI/FS*, O'Brien & Gere, January 1998.



O'BRIEN & GERE / Stetson-Harza	DATE	FIGURE 1
	DRAWN LRM	GENERAL SITE MAP
	NO. 6057	

FIGURE 2



BOSSERT SITE
CITY OF UTICA
UTICA, NEW YORK

SITE AND ADJOINING PROPERTIES

NOT TO SCALE

ADAPTED FROM O.H.M. 1989

2/10/93

0450.046.111

8X11

O'BRIEN & GERE

OBRIEN & GERE

Stetson-Harza

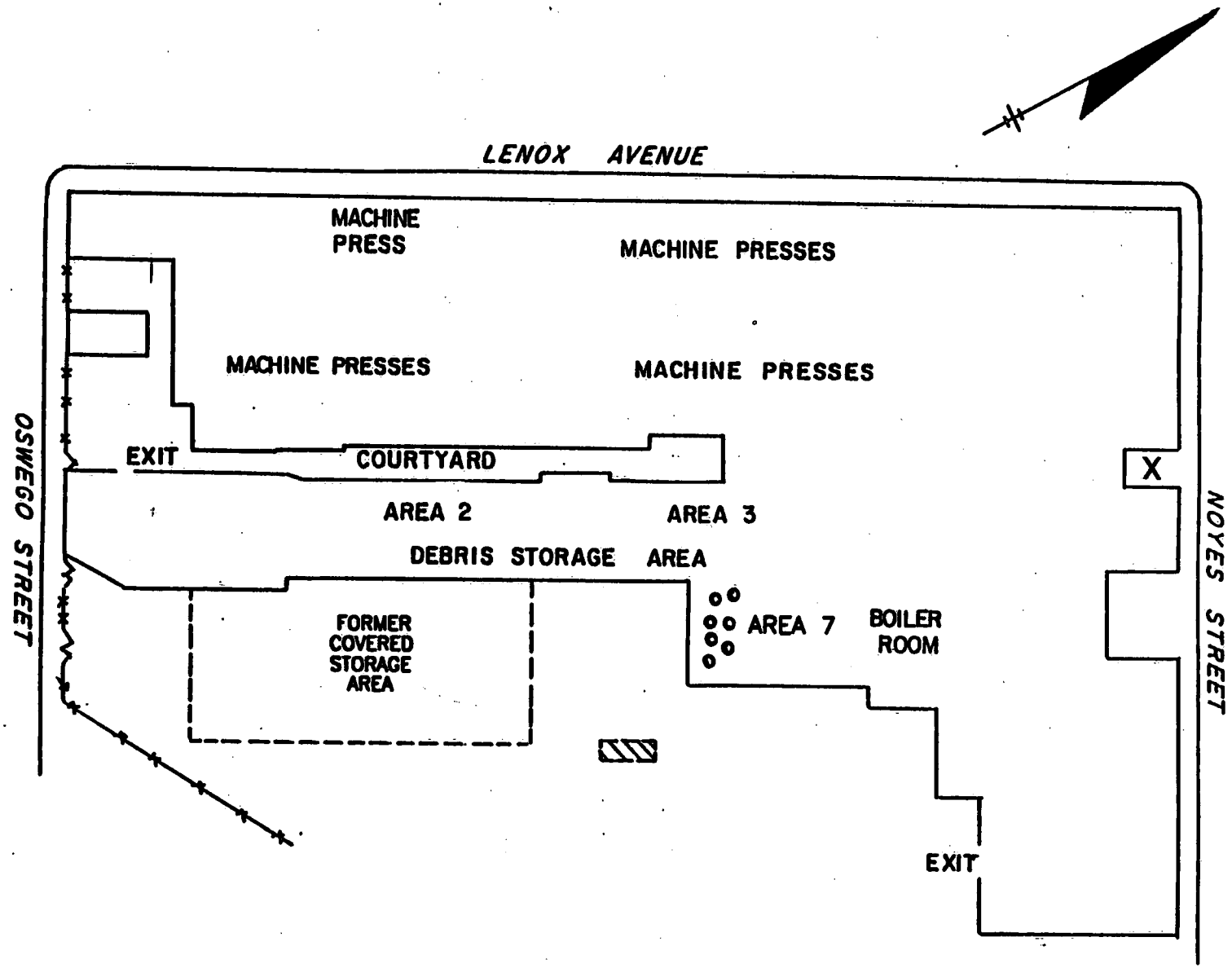
DATE

DRAWN LRM

NO. 6057

BOSSERT SITE PLAN

FIGURE 3



LEGEND

X FORMER LAVATORY – LOCATION OF EMERGENCY CHEMICAL REMOVAL

DRUMS (EMPTY, FROM PRIMOSHIELD)

UNDERGROUND TANK

100 0 100

APPROX. SCALE IN FEET

APPENDIX 1

Chemical removal documentation

WASTE DISPOSAL SUMMARY
OCTOBER 1993 CHEMICAL REMOVAL
BOSSERT SITE (SITE CODE: 6-33-029)
UTICA, NEW YORK

Chemical Name	EPA Waste Code	Clean-Harbors Packing List Page No.	USDOT Classification	Manifest & Line Item	Disposal Location
½ Gallon oil/paper/plastic in 5g. overpack	MA01	1	Waste Poisonous Liquids	MA H 390799 11.b	Tricil Ltd. Canada
Phenolic Resin Powder	MA99	1	Waste Poisonous Liquids	MA H 390799 11.b	Tricil Ltd. Canada
Hydraulic Jack Oil	MA01	1	Waste Poisonous Liquids	MA H 390799 11.b	Tricil Ltd. Canada
Oil/Water	MA01	1	Waste Poisonous Liquids	MA H 390799 11.b	Tricil Ltd. Canada
Oil Sludge	MA01	1	Waste Poisonous Liquids	MA H 390799 11.b	Tricil Ltd. Canada
Zinc Flux	MA99	1	Waste Poisonous Liquids	MA H 390799 11.b	Tricil Ltd. Canada
Phenol	V188	1	Waste Poisonous Liquids	MA H 390799 11.b	Tricil Ltd. Canada
Phenol	V188	1	Waste Poisonous Liquids	MA H 390799 11.b	Tricil Ltd. Canada
Petroleum Distillate Based Aerosol	D001	2	Waste Aerosol	MA H 390799 11.a	Ensco, Inc. Eldorado, AR
Acetone	F003	3	Waste Flammable Liquids	MA H 390799 11.c	Clean-Harbors, Inc. Braintree, MA
Hexane	D001	3	Waste Flammable Liquids	MA H 390799 11.c	Clean-Harbors, Inc. Braintree, MA
Alcohol	D001	3	Waste Flammable Liquids	MA H 390799 11.c	Clean-Harbors, Inc. Braintree, MA
Alcohol/Oil	D001	3	Waste Flammable Liquids	MA H 390799 11.c	Clean-Harbors, Inc. Braintree, MA

Chemical Name	EPA Waste Code	Clean-Harbors Packing List Page No.	USDOT Classification	Manifest & Line Item	Disposal Location
Alcohol	D001	3	Waste Flammable Liquids	MA H 390799 11.c	Clean-Harbors, Inc. Braintree, MA
Phosphate Cleaner	MA99	4	Waste Corrosive Liquids	MA H 390799 11.d	Tricil, Ltd. Canada
Amine Based Cleaners	D002	4	Waste Corrosive Liquids	MA H 390799 11.d	Tricil, Ltd. Canada
Magnesium Oxide	MA99	4	Waste Corrosive Liquids	MA H 390799 11.d	Tricil, Ltd. Canada
Petroleum Distillate Based Paint	D001	5	Waste Flammable Liquids	MA H 390799 11.c	Tricil, Ltd. Canada
Petroleum Distillate Based Glazing Compound	D001	5	Waste Flammable Liquids	MA H 390799 11.c	Tricil, Ltd. Canada
Kerosene	D001	5	Waste Flammable Liquids	MA H 390799 11.c	Tricil, Ltd. Canada
Petroleum Distillate Based Penetrating Solution	D001	5	Waste Flammable Liquids	MA H 390799 11.c	Tricil, Ltd. Canada
Hexane/Oil	D001	5	Waste Flammable Liquids	MA H 390799 11.c	Tricil, Ltd. Canada
Toluene Based Thinner	D001	5	Waste Flammable Liquids	MA H 390799 11.c	Tricil, Ltd. Canada
Toluene Based Preserver	D001	5	Waste Flammable Liquids	MA H 390799 11.c	Tricil, Ltd. Canada
Ammonium Persulfate	D001	6	Waste Oxidizing Substances (solid)	MA H 273548 11.a	Tricil, Ltd. Canada
Ammonium Persulfate	D001	7	Waste Oxidizing Substances (liquid)	MA H 273548 11.b	Tricil, Ltd. Canada

Chemical Name	EPA Waste Code	Clean-Harbors Packing List Page No.	USDOT Classification	Manifest & Line Item	Disposal Location
Silver Nitrate	D001	7	Waste Oxidizing Substances (liquid)	MA H 273548 11.b	Tricil, Ltd. Canada

O'BRIEN & GERE
ENGINEERS, INC.

November 11, 1993

James Reagan, P.E.
New York State Department of
Environmental Conservation
50 Wolf Road
Albany, NY 12233-7010

Re: Bossert Site (6-33-029)
Emergency Chemical Removal

File: 450.046

Dear Mr. Reagan:

On October 1, 1993 Clean Harbors Environmental Services, Inc., under subcontract agreement with O'Brien & Gere Engineers, Inc. (dated September 29, 1993) and pursuant to your letter of approval of September 13, 1993, performed an emergency removal of miscellaneous chemicals at the Bossert Site. The chemicals were apparently used to decontaminate equipment and abandoned by the United States Environmental Protection Agency in 1986. At that time, the chemicals were placed in a room formerly used as a lavatory. The lavatory entrance was subsequently secured with concrete blocks rendering the room inaccessible. The chemicals were discovered during a March 1993 O'Brien & Gere Engineers (O'Brien & Gere Engineers, Inc.) site walkover after vandals evidently broke out a portion of the concrete block wall.

Oversight of the removal action was provided by Jeffrey Banikowski (O'Brien & Gere Engineers) and Patricia Rosato (Stetson-Harza). Jeff Banikowski facilitated the removal effort by removing the remaining concrete blocks that had been installed to secure the room. Stetson-Harza provided portable lighting powered by a gas generator to illuminate the effort. Chemical containers removed from the lavatory were inspected, segregated by class, and packaged in lab packs for disposal by Clean Harbors. Containers containing materials such as soils, not presenting an imminent reactive, explosive or flammable hazard, were not removed as part of this effort. Jeff Banikowski, as agent for the City of Utica, signed the hazardous waste manifests and, according to the manifests, the wastes were shipped to Clean Harbors of Natick, Inc. for disposal. Upon completion of chemical removal, the entry to the lavatory was re-secured using plywood and concrete nails.

Attached for your review are copies of the documentation pertaining to the removal effort including:

- two (2) *State of Massachusetts Uniform Hazardous Waste Manifests*,
- two (2) *Generator Land Disposal Restriction Notifications for Hazardous Wastes Subject to an Effective Prohibition Date* forms,
- one (1) Clean-Harbors Inventory Sheet, and,
- seven (7) Clean-Harbors Packing lists.

If you have any questions, please call either Jeff Banikowski or me at (315) 437-6100.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Jeffrey E. Banikowski

For Kyle E. Thomas
Project Scientist

KET:tcp\wp36
Attachments

cc: John Zegarelli, P.E. - City of Utica
John Brady, P.E. - Stetson-Harza
Bob Griffiths - NYSDOH
Louis Petrone - Petrone & Petrone
Jeff Banikowski, CPG - O'Brien & Gere Engineers

DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Job # 546517

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD002249563 | Manifest Document No.: 73548
2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UTICA CITY OF
1 KENNEDY PLAZA
UTICA, NY 13502
4. Generator's Phone (315-792-8152

A. State Manifest Document Number: MA H 273548
B. [illegible] GENESEO STREET
UTICA, NY 13502
C. State Trans. ID: MA [illegible]-912
D. Transporter's Phone (617)933111
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 655-8863

5. Transporter 1 Company Name: CLEAN HARBORS ENV. SERVICES, INC.
6. US EPA ID Number: MAD035322258
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address: CLEAN HARBORS OF NATICK, INC.
10 MERCER ROAD
NATICK, MA 01760
10. US EPA ID Number: MAD988523283

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE OXIDIZING SUBSTANCES, SOLID, N.O.S. 5.1, UN1479, PG II	001	DF	00002	P	D001
b. RQ WASTE OXIDIZING SUBSTANCES, LIQUID, N.O.S. (D011) 5.1, UN3139, PG II	001	DF	00002	P	D001
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard codes)
a. LAB QUANTITIES 145 (S, I)
b. LAB QUANTITIES 145 (L, I)

K. Handling Codes for Wastes Listed Above
a. e.
b. d.

15. Special Handling Instructions and Additional Information
DOT EMRG 1d
B001, W20, A84 NAS HANDLING CODE 1c) T 11d) T
EMERGENCY PHONE #1-800-DIL-TANK

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

As Agent for the City of Utica

Printed/Typed Name	Signature	Date (Month Day Year)
Jeffrey E. Bawikowski	Jeffrey E. Bawikowski	1 0 0 1 9 3

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Kevin Johnson	Kevin J	1 0 0 1 9 3

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

Approved OMB No. 2050-0039, Expires 9/30/92
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

DEP

DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MBH576517

UNIFORM HAZARDOUS WASTE MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

1. Generator's US EPA ID No. NYD002249563 | Manifest Document No. 90799
2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UTICA CITY OF
1 KENNEDY PLAZA
UTICA, NY 13502
4. Generator's Phone 315-792-0152

A. State Manifest Document Number MA H 390799
B. State Gen. ID 1082 OSWEGO STREET UTICA, NY 13502

5. Transporter 1 Company Name: CLEAN HARBORS ENV SERVICES, INC. | 6. US EPA ID Number: MAD039322250
C. State Trans. ID: MA A97-912
7. Transporter 2 Company Name | 8. US EPA ID Number
D. Transporter's Phone (617)8555111
E. State Trans. ID

9. Designated Facility Name and Site Address
CLEAN HARBORS OF NATICK, INC.
10 MERCER ROAD
NATICK, MA 01760
10. US EPA ID Number: MAD980523203
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 655-8863

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE AEROSOL 2.1, UN1950 D001	001	DF	00002	P	D001
b. WASTE POISONOUS LIQUIDS, N.O.S. (phenol) 6.1, UN2810, PG II VIBB, MA01	001	DF	00020	P	MA01 VIBB
c. WASTE FLAMMABLE LIQUIDS, N.O.S. 3, UN1993, PG II F003, D001	002	DM DF	00012	G	F003 D001
d. WASTE CORROSIVE LIQUIDS, N.O.S. 8, UN1760, PG II D002	001	DF	00016	P	D002

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code)
a. LAB QUANTITIES LESS (G,I) | c. LAB QUANTITIES LESS, INC (L,I)
STATE REGULATED MATERIAL
b. LAB QUANTITIES 1216 (LT) | d. LAB QUANTITIES 1116 (LC)

K. Handling Codes for Wastes Listed Above
a. | c.
b. | d.

15. Special Handling Instructions and Additional Information
DOT-ERG9
DOT-ERG68
B001, W01, B94
NYS HANDLING CODES: a) B 11b) B c) B d) B
EMERGENCY PHONE #1-800-OIL-TANK

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Agent for the City of Utica
Printed/Typed Name: Jeffrey E. Bawikowski | Signature: Jeffrey E. Bawikowski | Date: Month 10 Day 01 Year 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Kevin Johnson | Signature: Kevin Johnson | Date: Month 10 Day 01 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name | Signature | Date: Month Day Year

Approved OMB No. 2050-0039. Expires 9/30/92
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Generator Land Disposal Restriction Notification for
Hazardous Wastes Subject to an Effective Prohibition Date

Generator Name: CITY OF UTICA — EPA ID No. NYD002249563

Address: 1002 OSWEGO STREET — Contact (Print) Jeffrey E. Bawikowski

UTICA, NY 13502

Signature: Jeffrey E. Bawikowski — Date: 90/1/13

The hazardous wastes identified on the accompanying manifest number _____ and bearing the Hazardous Waste Codes listed below are restricted wastes which are prohibited from land disposal under the Land Disposal Restrictions, 40 CFR Part 268. In accordance with 40 CFR 268.7(a)(1), the EPA waste code, waste subcategory, treatability groups, treatment standards, technology codes, and appropriate references, as applicable, are provided below:

I. Characteristic Wastes D001 through D017

Waste Code/Subcategory	Numerical Treatment Standard, Technology Code and/or Reference	
	Wastewater	Nonwastewater
[X] D001 - All descriptions based on 40 CFR 261.21, except for the §261.21(a)(1) High TOC subcategory, managed in non-CWA/ non-CWA-equivalent/non-Class I SDWA systems. IF "DEACT, AND MEET F039" IS CHECKED, THE GENERATOR MUST IDENTIFY ALL UNDERLYING HAZARDOUS CONSTITUENTS THAT ARE REASONABLY EXPECTED TO BE PRESENT IN THE WASTE. SEE SECTION I.A BELOW.	[ ] DEACT, and meet F039; OR [ ] FSUBS, RORGS, or INCIN	[ ] DEACT, and meet F039; OR [X] FSUBS, RORGS, or INCIN
[ ] D001 - All descriptions based on 40 CFR 261.21, except for the §261.21(a)(1) High TOC subcategory, managed in CWA, CWA-equivalent or Class I SDWA systems.	[ ] DEACT	[ ] DEACT
[X] D001 - All descriptions based on 40 CFR 261.21(a)(1) High TOC Ignitable Liquids Subcategory (Greater than or equal to 10% TOC)	Not applicable	[X] FSUBS, RORGS, or INCIN
[X] D002 - All wastes (acids, alkalines, others) that are managed in non-CWA/ non-CWA-equivalent/non-Class I SDWA systems. THE GENERATOR MUST IDENTIFY ALL UNDERLYING HAZARDOUS CONSTITUENTS THAT ARE REASONABLY EXPECTED TO BE PRESENT IN THE WASTE. SEE SECTION I.A BELOW.	[ ] DEACT, and meet F039	[X] DEACT, and meet F039
[ ] D002 - All wastes (acids, alkalines, others) that are managed in CWA, CWA-equivalent or Class I SDWA systems.	[ ] DEACT	[ ] DEACT
[ ] D003		
[ ] Reactive Sulfides	[ ] Ref 2 -- DEACT	[ ] Ref 2 -- DEACT
[ ] Reactive Cyanides	[ ] Ref 3	[ ] Ref 3
[ ] Explosives	[ ] Ref 2 -- DEACT	[ ] Ref 2 -- DEACT
[ ] Water Reactives	Not applicable	[ ] Ref 2 -- DEACT
[ ] Other (per §261.23(a)(1))	[ ] Ref 2 -- DEACT	[ ] Ref 2 -- DEACT
[ ] D004 - Arsenic	[ ] Ref 3	[ ] Ref 1
[ ] D005 - Barium	[ ] Ref 3	[ ] Ref 1
[ ] D006		
[ ] Cadmium	[ ] Ref 3	[ ] Ref 1
[ ] Cadmium Containing Batteries	Not applicable	[ ] Ref 2 -- RTHRM
[ ] D007 - Chromium	[ ] Ref 3.	[ ] Ref 1
[ ] D008		
[ ] Lead	[ ] Ref 3	[ ] Ref 1
[ ] Lead Acid Batteries	Not applicable	[ ] Ref 2 -- RLEAD
[ ] D009 - Mercury		
[ ] Low Hg, < 260 mg/kg Hg	[ ] Ref 3	[ ] Ref 1
[ ] High Hg, > or = 260 mg/kg Hg, mercury and organics and are not incinerator residues	Not applicable	[ ] Ref 2 -- IMERC; or RMERC
[ ] High Hg, > or = 260 mg/kg Hg, inorganics including incinerator & RMERC residues	Not applicable	[ ] Ref 2 -- RMERC
[ ] D010 - Selenium	[ ] Ref 3	[ ] Ref 1
[ ] D011 - Silver	[ ] Ref 3	[ ] Ref 1
[ ] D012 - Endrin	[ ] Ref 2 -- BIODG; or INCIN	[ ] Ref 3
[ ] D013 - Lindane	[ ] Ref 2 -- CARBN; or INCIN	[ ] Ref 3
[ ] D014 - Methoxychlor	[ ] Ref 2 -- WETOX; or INCIN	[ ] Ref 3
[ ] D015 - Toxaphene	[ ] Ref 2 -- BIODG; or INCIN	[ ] Ref 3
[ ] D016 - 2,4-D	[ ] Ref 2 -- CHOXD; BIODG; or INCIN	[ ] Ref 3
[ ] D017 - 2,4,5-TP (Silvex)	[ ] Ref 2 -- CHOXD; or INCIN	[ ] Ref 3

I.A D001/D002 Hazardous Wastes Requiring "DEACT and meet F039" Treatment Standard [Check one]

[X] See attached LDR1 Addendum for identification of F039 underlying hazardous constituents.

[ ] This waste is managed for export to a treatment and disposal facility located outside the United States. Per 40 CFR 268.7(a)(4), identification of F039 underlying hazardous constituents is not required unless the waste is also subject to other treatment or disposal.

Generator Land Disposal Restriction Notification for Hazardous Wastes Subject to an Effective Prohibition Date

Generator Name: CITY OF UTICA

EPA ID No. NYD002249563

Address: 1002 OSWEGO STREET
UTICA, NY 13502

Contact (Print) Jeffrey E. Bravikowski

Signature: Jeffrey E. Bravikowski

Date: 10/1/93

The hazardous wastes identified on the accompanying manifest number MAH 273345 and bearing the E Hazardous Waste Codes listed below are restricted wastes which are prohibited from land disposal under the Land Dispos Restrictions, 40 CFR Part 268. In accordance with 40 CFR 268.7(a)(1), the EPA waste code, waste subcategory, treatabili groups, treatment standards, technology codes, and appropriate references, as applicable, are provided below:

I. Characteristic Wastes D001 through D017

Waste Code/Subcategory	Numerical Treatment Standard, Technology Code and/or Reference	
	Wastewater	Nonwastewater
[ ] D001 - All descriptions based on 40 CFR 261.21, except for the §261.21(a)(1) High TOC subcategory, managed in non-CWA/ non-CWA-equivalent/non-Class I SDWA systems.	[ ] DEACT, and meet F039; OR [ ] FSUBS, RORGS, or INCIN	[ ] DEACT, and meet F039; OR [ ] FSUBS, RORGS, or INCIN
IF "DEACT, AND MEET F039" IS CHECKED, THE GENERATOR MUST IDENTIFY ALL UNDERLYING HAZARDOUS CONSTITUENTS THAT ARE REASONABLY EXPECTED TO BE PRESENT IN THE WASTE. SEE SECTION I.A BELOW.		
[X] D001 - All descriptions based on 40 CFR 261.21, except for the §261.21(a)(1) High TOC subcategory, managed in CWA, CWA-equivalent or Class I SDWA systems.	[X] DEACT	[X] DEACT
[ ] D001 - All descriptions based on 40 CFR 261.21(a)(1) High TOC Ignitable Liquids Subcategory (Greater than or equal to 10% TOC)	Not applicable	[ ] FSUBS, RORGS, or INCIN
[ ] D002 - All wastes (acids, alkalines, others) that are managed in non-CWA/ non-CWA-equivalent/non-Class I SDWA systems.	[ ] DEACT, and meet F039	[ ] DEACT, and meet F039
THE GENERATOR MUST IDENTIFY ALL UNDERLYING HAZARDOUS CONSTITUENTS THAT ARE REASONABLY EXPECTED TO BE PRESENT IN THE WASTE. SEE SECTION I.A BELOW.		
[ ] D002 - All wastes (acids, alkalines, others) that are managed in CWA, CWA-equivalent or Class I SDWA systems.	[ ] DEACT	[ ] DEACT
[ ] D003		
[ ] Reactive Sulfides	[ ] Ref 2 -- DEACT	[ ] Ref 2 -- DEACT
[ ] Reactive Cyanides	[ ] Ref 3	[ ] Ref 3
[ ] Explosives	[ ] Ref 2 -- DEACT	[ ] Ref 2 -- DEACT
[ ] Water Reactives	Not applicable	[ ] Ref 2 -- DEACT
[ ] Other (per §261.23(a)(1))	[ ] Ref 2 -- DEACT	[ ] Ref 2 -- DEACT
[ ] D004 - Arsenic	[ ] Ref 3	[ ] Ref 1
[ ] D005 - Barium	[ ] Ref 3	[ ] Ref 1
[ ] D006		
[ ] Cadmium	[ ] Ref 3	[ ] Ref 1
[ ] Cadmium Containing Batteries	Not applicable	[ ] Ref 2 -- RTHRM
[ ] D007 - Chromium	[ ] Ref 3.	[ ] Ref 1
[ ] D008		
[ ] Lead	[ ] Ref 3	[ ] Ref 1
[ ] Lead Acid Batteries	Not applicable	[ ] Ref 2 -- RLEAD
[ ] D009 - Mercury		
[ ] Low Hg, < 260 mg/kg Hg	[ ] Ref 3	[ ] Ref 1
[ ] High Hg, > or = 260 mg/kg Hg, mercury and organics and are not incinerator residues	Not applicable	[ ] Ref 2 -- IMERC; or RMERC
[ ] High Hg, > or = 260 mg/kg Hg, inorganics including incinerator & RMERC residues	Not applicable	[ ] Ref 2 -- RMERC
[ ] D010 - Selenium	[ ] Ref 3	[ ] Ref 1
[X] D011 - Silver	[X] Ref 3	[ ] Ref 1
[ ] D012 - Endrin	[ ] Ref 2 -- BIODG; or INCIN	[ ] Ref 3
[ ] D013 - Lindane	[ ] Ref 2 -- CARBN; or INCIN	[ ] Ref 3
[ ] D014 - Methoxychlor	[ ] Ref 2 -- WETOX; or INCIN	[ ] Ref 3
[ ] D015 - Toxaphene	[ ] Ref 2 -- BIODG; or INCIN	[ ] Ref 3
[ ] D016 - 2,4-D	[ ] Ref 2 -- CHOXD; BIODG; or INCIN	[ ] Ref 3
[ ] D017 - 2,4,5-TP (Silvex)	[ ] Ref 2 -- CHOXD; or INCIN	[ ] Ref 3

I.A D001/D002 Hazardous Wastes Requiring "DEACT and meet F039" Treatment Standard (Check one)

[ ] See attached LDR1 Addendum for identification of F039 underlying hazardous constituents.
This waste is prepared for export to a treatment and disposal facility located outside the United States. Per U.S. EPA guidance, the identification of F039 underlying hazardous constituents is not required unless the waste is subject to land disposal restrictions for treatment or disposal.

Day & Date FRI 10/1/93

Manifest No. MA/1 390799, 273548 (N)

Manifest No. _____ (B)

Phone No. 315-457-6100

CleanHarbors
10 Mercer Road — Natick, MA 01760
(508) 655-8863

Other Facility: _____

Job No. 546517

P.O. No. _____

Billing Type Q

Contact Person JOHN ZIGAREC

Client O'BRIEN & GERE ENGINEERS
BOSERT MFG. FACILITY
Job Location 1002 OSWEGO ST.
UTICA NY 13502

Billing Address P.O. BOX 4873
SYRACUSE NY 13221

Attn: KYLE THOMAS

Labor

		Arrived	Departed	On Site	Lunch
K. JOHNSON	D/C	9:00	11	2	N/A
B. FITZPATRICK	C	9	11	2	1

MATERIALS

1	55 Gal. OH	3	Vermiculite
3	5 Gal. OH		Speedi Dry
3	16 Gal. Poly		Sawdust
	30 Gal. Poly		Fume Hood
	85 Gal. OH		

TRANSPORTATION

	Fleet #	Fleet #	Fleet #
Box Truck/Car	574		
Driver	KT		
Time Left CHI	8:00		
Time Arrive CHI			
Round Trip Mileage			
Total Travel Time			

JOB DESCRIPTION

SMALL LAB PACK

Lists Received

JOB COMPLETED YES ☒ NO ☐

Remarks:

(Clean Harbors Representative)
10/1/93

Disposal

Qty.	Type	Size
	Lab Pack — 55 Gal.	55
2	Lab Pack — 5 Gal. EZ	5
1	Lab Pack — 30G1 DS	30
3	Lab Pack — Incineration BV, DV, CV	16
	Lab Pack — Incineration	5
	Lab Pack — Incineration	30
	Lab Pack — Incineration	
	Lab Pack — Reactive (Wt. =)	
	Lab Pack — Reactive (Wt. =)	
	Lab Pack — Reactive (Wt. =)	
	Lab Pack — Reactive (Wt. =)	
	Lab Pack — Reactive (Wt. =)	
	Lab Pack — Aerosols	55
1	Lab Pack — Aerosols QN	5
	Lab Pack — Batteries	
	Penta + 2, 4, 5-T (Wt. =)	
	Unknown Fingerprint Analysis	
	Bulks	
	Bulks	
	Bulks	
	Bulks	
	Profiles to Braintree	

Customer: City of Utica

By: Cathy E. Eisenhut (Company Name)
Jeffrey E. Lankowski (Signature)
Agent for the City of Utica (Print Name)
Title

Date: 10/1/93

PACKING LIST

(1)

Clean Harbors

☐ **NATICK**
10 Mercer Road
Natick, MA 01760
EPA ID #MAD 980523203
(508) 655-8863

☐ **MAINE**
17 Main Street
So. Portland, ME 04106
EPA ID #MED 980672182
(207) 799-8111

☒ 5½ Acuse

PCN _____

APPL # _____

MANIFEST DOC.# _____

GRP	DRUM ID #
CV	

GENERATOR 516517 DRUM SIZE 16

CONTACT _____ DOT NO./HAZARD CLASS WPL

NO.	CHEMICAL NAME (No trade names)	EPA	X = (QTY.)	SIZE	S/L	AC
	½ Gallon oil/paper/plastic in 55 Overpack	MA01	1	25	S/L	
	Phenolic Resin Powder	MA69	IIII	½ P	S	
	Hydraulic Jack Oil	MA01	1	½ PT	L	
	Oil/Water	MA01	1	½ PT	L	
	Oil Sludge	MA01	1	¼ P	SS	
	Zinc Flux	MA69	III	1/4 P	S	
	Phenol	U188	1	2L	L	
	Phenol	U188	1	PT	L	

. = Reference Number / EPA = Waste Code / DOT = UN-NA No. or Haz. Class / X = Multiple Containers / Size = Container Size
= Solid or Liquid / GRP = Compatibility Group Code / Drum = Drum Identification Number / AC = Acceptance Code

THIS IS TO CERTIFY that the above listing is an accurate description of the content of this drum and that it contains no pressurized, pyrophoric, pathologic, radioactive, explosive or shock sensitive materials.

Completed By BF KJ Date 10/1/93 Page 1 of 1

1118

PACKING LIST

(2)

CleanHarbors

☐ **MAINE**
17 Main Street
So. Portland, ME 04106
EPA ID #MED 980672182
(207) 799-8111

☒ STR

☐ **NATICK**
10 Mercer Road
Natick, MA 01760
EPA ID #MAD 980523203
(508) 655-8863

PCN _____

APPL # _____

MANIFEST DOC.# _____

GRP	DRUM ID #
1	

GENERATOR SV6517 DRUM SIZE 5

CONTACT _____ DOT NO./HAZARD CLASS UN AC105 1

NO.	CHEMICAL NAME (No trade names)	EPA	X = (QTY.)	SIZE	S/L	A
	Ptldist based Cadcool	D001	111	PT	G1	

No. = Reference Number / EPA = Waste Code / DOT = UN-NA No. or Haz. Class / X = Multiple Containers / Size = Container Size
S/L = Solid or Liquid / GRP = Compatibility Group Code / Drum = Drum Identification Number / AC = Acceptance Code

THIS IS TO CERTIFY that the above listing is an accurate description of the content of this drum and that it contains no pressurized, pyrophoric, pathologic, radioactive, explosive or shock sensitive materials.

Completed By BT K1 Date 10/1/93 Page 1 of 1

CHI 118

PACKING LIST

(3)

CleanHarbors

☐ **MAINE**
17 Main Street
So. Portland, ME 04106
EPA ID #MED 980672182
(207) 799-8111

☒ SYRACUSE

PCN _____

APPL # _____

MANIFEST DOC.# _____

☐ **NATICK**
10 Mercer Road
Natick, MA 01760
EPA ID #MAD 980523203
(508) 655-8863

GRP	DRUM ID #
DS	

GENERATOR SY6517 DRUM SIZE 55 charge as 30

CONTACT _____ DOT NO./HAZARD CLASS WFL

NO.	CHEMICAL NAME (No trade names)	EPA	X = (QTY.)	SIZE	S/L	AC
	Acetone	F003	III	G	L	
	Hexane	D001	I	G	L	
	Alcohol	D001	I	½G		
	Alcohol/Oil		I	½G		
	Alcohol		IIII	½G		

= Reference Number / EPA = Waste Code / DOT = UN-NA No. or Haz. Class / X = Multiple Containers / Size = Container Size = Solid or Liquid / GRP = Compatibility Group Code / Drum = Drum Identification Number / AC = Acceptance Code

THIS IS TO CERTIFY that the above listing is an accurate description of the content of this drum and that it contains no pressurized, pyrophoric, pathologic, radioactive, explosive or shock sensitive materials.

Completed By BT KJ Date 10/1/93 Page 1 of 1

118

PACKING LIST

(4)

CleanHarbors

☐ **MAINE**
17 Main Street
So. Portland, ME 04106
EPA ID #MED 980672182
(207) 799-8111

☐ **NATICK**
10 Mercer Road
Natick, MA 01760
EPA ID #MAD 980523203
(508) 655-8863

☒ SYRACUSE

PCN _____

APPL # _____

MANIFEST DOC.# _____

GRP	DRUM ID #
BV	

GENERATOR SY 6517 DRUM SIZE 16

CONTACT _____ DOT NO./HAZARD CLASS WCL

NO.	CHEMICAL NAME (No trade names)	EPA	X = (QTY.)	SIZE	S/L	AC
	Phosphate Cleaner	MNS7	1	P	S	
	Amine based Cleaners	DOUZ	III	PT	L	
	" " "	DOUZ	II	QT	L	
	Magnesium Oxide	MAG1	1	P	S	

= Reference Number / EPA = Waste Code / DOT = UN-NA No. or Haz. Class / X = Multiple Containers / Size = Container Size
= Solid or Liquid / GRP = Compatibility Group Code / Drum = Drum Identification Number / AC = Acceptance Code

THIS IS TO CERTIFY that the above listing is an accurate description of the content of this drum and that it contains no pressurized, pyrophoric, pathologic, radioactive, explosive or shock sensitive materials.

Completed By BFKJ Date 10/1/93 Page 1 of 1

1118

PACKING LIST

(5)

CleanHarbors

☐ **MAINE**
17 Main Street
So. Portland, ME 04106
EPA ID #MED 980672182
(207) 799-8111

☐ **NATICK**
10 Mercer Road
Natick, MA 01760
EPA ID #MAD 980523203
(508) 655-8863

☒ S/L

PCN _____

APPL # _____

MANIFEST DOC.# _____

GRP	DRUM ID #
DV	

GENERATOR BV6517 DRUM SIZE 16

CONTACT _____ DOT NO./HAZARD CLASS WFL

NO.	CHEMICAL NAME (No trade names)	EPA	X = (QTY.)	SIZE	S/L
	Pet Dist, based = Paint	D001	11	25	S/L
	" " " Clearing Compound	D001	11	PT	S/L
	Remover		1	20Z	L
	Pet Dist penetrating Solution		1	PT	L
	Hexane / Oil		1	QT	L
	Methanol Toluene based thinner		1	PT	L
	" " Preserver	D	1	PT	L

No. = Reference Number / EPA = Waste Code / DOT = UN-NA No. or Haz. Class / X = Multiple Containers / Size = Container Size
S/L = Solid or Liquid / GRP = Compatibility Group Code / Drum = Drum Identification Number / AC = Acceptance Code

THIS IS TO CERTIFY that the above listing is an accurate description of the content of this drum and that it contains no pressurized, pyrophoric, pathologic, radioactive, explosive or shock sensitive materials.

Completed By BF KJ Date 10/1/93 Page 1 of 1

HI 118

PACKING LIST

(6)

CleanHarbors

☐ **NATICK**
10 Mercer Road
Natick, MA 01760
EPA ID #MAD 980523203
(508) 655-8863

☐ **MAINE**
17 Main Street
So. Portland, ME 04106
EPA ID #MED 980672182
(207) 799-8111

☒ SYRACUSE

PCN _____

APPL # _____

MANIFEST DOC.# _____

GRP	DRUM ID #
CC	

GENERATOR SY6517 DRUM SIZE 5

CONTACT _____ DOT NO./HAZARD CLASS UN 1444 5.1

NO.	CHEMICAL NAME (No trade names)	EPA	X = (QTY.)	SIZE	S/L	AC
	Ammonium Persulfate	D001	1	25	S	

= Reference Number / EPA = Waste Code / DOT = UN-NA No. or Haz. Class / X = Multiple Containers / Size = Container Size = Solid or Liquid / GRP = Compatibility Group Code / Drum = Drum Identification Number / AC = Acceptance Code

THIS IS TO CERTIFY that the above listing is an accurate description of the content of this drum and that it contains no pressurized, pyrophoric, pathologic, radioactive, explosive or shock sensitive materials.

Completed By BFKJ Date 10/1/93 Page 1 of 1

I 118

PACKING LIST

(7)

CleanHarbors

☐ **MAINE**
17 Main Street
So. Portland, ME 04106
EPA ID #MED 980672182
(207) 799-8111

☒ SIR

☐ **NATICK**
10 Mercer Road
Natick, MA 01760
EPA ID #MAD 980523203
(508) 655-8863

PCN _____

APPL #_____

MANIFEST DOC.# _____

GRP	DRUM ID #
E2	

GENERATOR SI 6517 DRUM SIZE 5

ONTACT _____ DOT NO./HAZARD CLASS CWX SL

NO.	CHEMICAL NAME (No trade names)	EPA	X = (QTY.)	SIZE	S/L	AC
	Ammonium Persulfate	D001	1	P	S	
	Silver nitrate	D001 D011	1	½ Pt	L	

= Reference Number / EPA = Waste Code / DOT = UN-NA No. or Haz. Class / X = Multiple Containers / Size = Container Size
= Solid or Liquid / GRP = Compatibility Group Code / Drum = Drum Identification Number / AC = Acceptance Code

THIS IS TO CERTIFY that the above listing is an accurate description of the content of this drum and that it contains no pressurized, pyrophoric, pathologic, radioactive, explosive or shock sensitive materials.

mpleted By BF KJ Date 11/1/93 Page 1 of 1

118

O'BRIEN & GERE
ENGINEERS, INC.

February 18, 1994

Mr. Jim Reagan, P.E.
Environmental Engineer 2
Bureau of Central Remedial Action
Div. of Hazardous Waste Remediation
New York State Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233-7010

Re: Bossert Site (Site Code: 6-33-029): Chemical Removal

File: 0450.046

Dear Mr. Reagan:

Attached is a summary provided by Clean Harbors detailing final disposal sites for each substance removed from the Bossert site by Clean Harbors as part of the October 1, 1993 chemical removal action. When reviewing these documents, please refer to the State of Massachusetts Uniform Hazardous Waste Manifests previously sent to you under separate cover. The "Line Item" references on the enclosed sheets refer to item 11 on the October 1, 1993 manifests prepared for the effort. You may determine the ultimate disposal site for each chemical by cross-referencing the line items on the enclosed summary with item 11 on the appropriate manifest. When reviewing the attached summary, please note that Tricil Ltd. is a disposal facility located in Canada; Ensco, Inc. is located in Arkansas and CHI-Braintree is a fuel blending facility located in Massachusetts.

If you have any questions, please call either Jeff Banikowski or me at (315) 437-6100.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Kyle E. Thomas
Project Scientist

KET:jc\wp39
att.

cc: John Zegarelli (City of Utica)
John Brady (Stetson-Harza)
Louis Petrone (Petrone & Petrone, P.C.
Jeff Banikowski (O'Brien & Gere)

C O N F I D E N T I A L - For Internal Use Only

I N T E R O F F I C E M E M O R A N D U M

Date: 25-Jan-1994 07:26am EST
From: RENEE PERRY
PERRYR
Dept: LAB PACK PRODUCT LINE
Tel No: 508-655-8863 x369

O: BILL GEROW (GEROWB)

ubject: UTICA CITY OF

CLEAN HARBOR, INC
WASTE INFORMATION TRACKING SYSTEM
GENERATOR NAME GENERATOR NOT ON
GENERATOR EPA ID # NYD002249563
FOR MANIFEST DATES 01/01/93 TO 0
EPORT DATE 01/25/94
WTARCDRM
Drum Activity Disposal Report by Generat

Date Received: 10/01/93 Manifest #: MAH273548

Line Item	Profile No	CHI Code	Drum #	<-------- Pump/Ship Activity ---------->	<-----
A	LP	EZ	51330		
			CONSOLIDATED DRUM		
	LP	EZ	53669	10/14/93 TRICIL LTD MAH388818	
B	LP	EZ	51331		
			CONSOLIDATED DRUM		
	LP	EZ	53656	10/14/93 TRICIL LTD MAH388818	

Date Received: 10/01/93 Manifest #: MAH390799

Line Item	Profile No	CHI Code	Drum #	<-------- Pump/Ship Activity ---------->	<-----
A	LP	QN	51332		
			CONSOLIDATED DRUM		
	LP	QN	51486	10/02/93 ENSCO INC. AR571461	
B	LP	CV	51333		
			CONSOLIDATED DRUM		
	LP	CV	55248	10/25/93 TRICIL LTD MAH388818	

TRICIL LTD

LP DS 51334
CONSOLIDATED DRUM
LP DS 52260 10/07/93 CHI-BTREE MAH388807

SYSTECH –
NORLITE –
PATCHAM –

1C LP DV 51335
CONSOLIDATED DRUM
LP DV 53174 10/14/93 TRICIL LTD MAII388816

ORT DATE 01/25/94
WTARCDRM

CLEAN HARBOR, INC
WASTE INFORMATION TRACKING SYSTEM
GENERATOR NAME GENERATOR NOT D
GENERATOR EPA ID # NYD002249563
FOR MANIFEST DATES 01/01/93 TO
Drum Activity Disposal Report by Genera

Date Received: 10/01/93 Manifest #: MAH390799

Line Item	Profile No	CHI Code	Drum #	<-------- Pump/Ship Activity ---------->	<-----
	LP	BV	51336		
			CONSOLIDATED DRUM		
1D	LP	BV	51656	10/06/93 TRICIL LTD MAH388873	

Total of Records Printed : 21

APPENDIX 2

UST removal documentation

47-20-3 (5/90)—26a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION • BUREAU OF PROGRAM AND TECHNICAL SUPPORT
50 WOLF ROAD, ALBANY, NEW YORK 12233-7250

WASTE TRANSPORTER PERMIT

Pursuant to 6 NYCRR Part 364 No. of Additional Sheets Attached 1

NYSDEC PERMIT NUMBER	EPA TRANSPORTER ID NUMBER	VEHICLE STATE & LICENSE NUMBER
7A-010	NYD980761191	SEE LIST OF VEHICLES

THIS IS TO CERTIFY THAT:

BUSINESS NAME
ENVIRONMENTAL PRODUCTS & SERVICES INC

MAILING ADDRESS
PO BOX 315

CITY	COUNTY	STATE	ZIP CODE
SYRACUSE	ONONDAGA	NY	13209

Having complied with the provisions of the Environmental Conservation Law Titles 3 and 15, of Article 27, is hereby authorized to engage in waste transporting within the State of New York in the manner described herein.

TYPE OF WASTE AND LOCATION OF TREATMENT, STORAGE OR DISPOSAL FACILITY:

TSDF #61 INFORMATION — WASTE WASTE DESCRIPTION

34T75
ENVIRONMENTAL PRODUCTS &
532 STATE FAIR BLVD
SYRACUSE NY 13204

NY53 AUTHORIZED WASTE TO ENVIRONMENTAL PRODUCTS

TSDF #62 INFORMATION — WASTE WASTE DESCRIPTION

00063
CANANDAIGUA WWTP
183 FALLONSTALL ST
CANANDAIGUA NY 14424

NO18 WATER CONTAMINATED WITH GASOLINE OR OIL

TSDF #63 INFORMATION — WASTE WASTE DESCRIPTION

91240
NOCO ENERGY CORP
700 GRAND ISLAND BLVD
TONAWANDA NY 14150

NO11 OIL SOAKED DEBRIS
N816 CONTAMINATED DIRT, SOILS OR SAND

********** CONTINUED ON NEXT PAGE **********

THIS PERMIT WILL EXPIRE AT MIDNIGHT JANUARY 31 19 95 and is subject to revocation at any time. This permit is not transferable.

In witness whereof, the Department of Environmental Conservation has caused this permit to be executed on this 26 day of JANUARY 19 95

By Lucian Waters
New York State Department of Environmental Conservation Representative

NOTE: This Permit does not relieve the transporter of the responsibility of complying with any other applicable federal, state or local regulations. Please refer to warning notice on back of this Permit.

Environmental
PRODUCTS & SERVICES, INC.

P.O. Box 369 Liverpool, NY 13088-0206
(315) 451-6666 FAX (315) 457-6652 (800) THE-TANK

February 1, 1995

To whom it may concern:

This letter is to verify that the following tanks originating from the location(s) stated below have been cleaned by Environmental Products & Services, inc. pursuant to all New York State Department of Environmental Conservation and United States Environmental protection Agency Regulations.

Tanks:	Type and Size
1)	20,000 gallon #6 oil fuel storage tank.

Location:

Bossert Manufacturing Plant
1002 Oswego Street
Utica, New York

Date: January 27, 1995

Very truly yours,

ENVIRONMENTAL PRODUCTS & SERVICES, INC.

Richard Oliver

Richard A. Oliver, Senior Project Coordinator
Syracuse Branch

RAO/kbm
9520.071.923

CRASH'S CAP AUTO PARTS

SURPLUS & SCRAP METALS

Intersection Old route 5S and Dyke Road, Frankfort, NY 13440
Telephone (315) 735-4451
FAX (315) 733-8884

Mr. Dick Oliver
Enviromental Products Services
7635 Edgecomb Drive
Liverpool New York 13088

Dear Mr. Oliver,

This leter is to confirm that we have received a 20,000 gallon steel tank from Environmental Products & Services on 1/31/95.

The tank in question will be used for recycled scrap steel only.

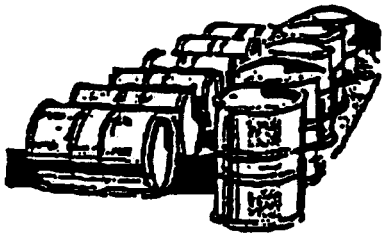
If you need any further information please do not hesitate to contact me.

Sincerely,

Joseph T. Basi

– LET'S FOCUS ON SCRAP –

Distributors For Steel Barrels and Drums



THIS MEMORANDUM

In acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

Carrier's No. 7A-010 Date 6-TH-95

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC. SCAC

TO: ENVIRONMENTAL PRODUCTS AND SERVICES INC.
Consignee
Street 532 STATE FAIR BLVD
Destination SYRACUSE, NY Zip 13204

FROM: CITY OF UTICA
Shipper
Street OSWEGO ST. (BOSSERT SITE)
Origin UTICA, NY Zip 13502

Route: I-90 - I-81

Vehicle Number 1D19207 U.S. DOT Hazmat Reg. No.

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	PACKING GROUP	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
001		TT WASTE NON-RCRA LIQUID, N.O.S. (OIL CONTAMINATED WATER)	NON-HAZARDOUS	NONE		1989-gals	GK	

#24483
RECEIVED
1/16/95

Remit C.O.D. to: Approval 7107
Address: Job # S0843
City: State: Zip:

COD Amt: $

C. O. D. FEE:
Prepaid [X]
Collect [ ] $

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

FREIGHT CHARGES
[X] PREPAID [ ] COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

It is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per _____

PLACARDS REQUIRED: NONE

PLACARDS SUPPLIED: [ ] YES [X] NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: CITY OF UTICA
PER:
DATE:

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES I
PER:
DATE: 1/6/-TH/95

EMERGENCY RESPONSE TELEPHONE NUMBER: 315 471 - 0503

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

9-BLS-A3
(REV. 2/94)

HIS MEMORANDUM

e acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

Carrier's No. 7A-010

Date 1-16-95

RRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC. SCAC

TO: ENVIRONMENTAL PRODUCTS AND SERVICES INC.
Consignee
eet 532 STATE FAIR BLVD
stination SYRACUSE, NY Zip 13204

FROM: CITY OF UTICA
Shipper
Street OSWEGO ST. (BOSSERT SITE)
Origin UTICA, NY Zip 13502

Route: I-90 W.S.

Vehicle Number 738426

U.S. DOT Hazmat Reg. No.

ing Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	PACKING GROUP	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
001		IT WASTE NON-RCRA LIQUID, N.O.S. (OIL CONTAMINATED WATER)	NON-HAZARDOUS	NONE		1-12C OK		
		#26485						
		RECEIVED 1/16/95						

Remit C.O.D. to: Approval 7107
ddress: Job # S0843
City: State: Zip:

COD Amt: $

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

FREIGHT CHARGES
☒ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

s to certify that the above-named materials are properly classified, described, packaged, marked and ed and are in proper condition for transportation according to the applicable regulations of the rtment of Transportation.
Per

PLACARDS REQUIRED NONE

PLACARDS SUPPLIED ☐ YES ☒ NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: CITY OF UTICA
R:
DATE: 1-16-95

CARRIER: ~~ENVIRONMENTAL PRODUCTS AND SERVICES I~~
PER: DAVID T. MAZZO (Driver)
DATE: 1-16-95

EMERGENCY RESPONSE TELEPHONE NUMBER: 315 471 - 0503

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

9-BLS-A3
(REV. 2/94)

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC. SCAC

Carrier's No. 7A-010

Date 17-JAN-95

To: INDUSTRIAL OIL TANK SERVICE CORP.
Consignee
Street ROUTE 31 AND CONRAIL
Destination VERONA, NY Zip 13478
Route: I90 - RT 365 - RT 31

FROM: CITY OF UTICA
Shipper
Street OSWEGO ST. (BOSSERT SITE)
Origin UTICA, NY Zip 13502

Vehicle Number PD1909

U.S. DOT Hazmat Reg. No.

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	ID Number	PACKING GROUP	WEIGHT (Subject to Correction)	RATE	LABELS REQUIRED (for consignee)
001	X	TT FUEL OIL MIXTURE	3	NA1993		15000 G		

Brett D. Field 1/17/95

Permit C.O.D. to: Approval
Address: Job # S0843
State: Zip:

COD Amt: $

C. O. D. FEE:
Prepaid ☒
Collect $

FREIGHT CHARGES
☒ PREPAID ☐ COLLECT

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading. The property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns as to each that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Per _____

PLACARDS REQUIRED: Combustible

PLACARDS SUPPLIED: ☐ YES ☒ NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: CITY OF UTICA
PER: [signature] 1/17/95
EMERGENCY RESPONSE TELEPHONE NUMBER: (315) 471 - 0503

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC
PER [signature]
DATE: 17-JAN-95

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

OSLS-13 (REV. 2/94)

15,344 gals. total (corrected)

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 5

To Dick Oliver	From Brett
Co. EPS	Co. IOTSC
Dept.	Phone # 363-0985
Fax # 457-6652	Fax # 363-0987

THIS MEMORANDUM

...cknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor ... or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

Carrier's No. 7A-010 Date 1/31/95

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC. SCAC

INDUSTRIAL OIL TANK SERVICE CORP.
Consignee
Street ROUTE 31 AND CONRAIL
...tination VERONA, NY Zip 13478

FROM: CITY OF UTICA
Shipper
Street OSWEGO ST. (BOSSERT SITE)
Origin UTICA, NY Zip 13502

Route: 4 5 4 2 1

Vehicle Number | U.S. DOT Hazmat Reg. No.

...ng	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	ID Number	PACKING GROUP	WEIGHT (subject to correction)	DATE	...(If charges required ...ons)
001	X	TT FUEL OIL MIXTURE	3	NA1993		4,000 G		
							1-19-95	
		P.O. # 25640				Gail Converse		

Remit C.O.D. to: Approval
Address: Job # S0843
...: State: Zip:

COD Amt: $

C. O. D. FEE: Prepaid [X] Collect [ ] $

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

FREIGHT CHARGES [X] PREPAID [ ] COLLECT

...RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

...to comply that the above-named materials are properly classified, described, packaged, marked and ...ed and are in proper condition for transportation according to the applicable regulations of the ...ment of Transportation.

Per _____

PLACARDS REQUIRED | COMBUSTIBLE | PLACARDS SUPPLIED | [ ] YES [X] NO - FURNISHED BY CARRIER | DRIVERS SIGNATURE:

SHIPPER: CITY OF UTICA
PER:
DATE:

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES IN
PER:
DATE:

EMERGENCY RESPONSE TELEPHONE NUMBER: 315 471 - 0503

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

B-BLE-A3 (REV. 2/94)

MS MEMORANDUM

cknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor opy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

Carrier's No. 7A-010

RRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC. SCAC Date 1/20/95

O: INDUSTRIAL OIL TANK SERVICE CORP.
onsignee
t ROUTE 31 AND CONRAIL
nation VERONA, NY Zip 13478

FROM: CITY OF UTICA
Shipper
Street OSWEGO ST. (BOSSERT SITE)
Origin UTICA, NY Zip 13502

oute:

Vehicle Number 12 Wheel

U.S. DOT Hazmat Reg. No.

HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	ID Number	PACKING GROUP	WEIGHT (Subject to Correction)	RATE	LABEL(S) REQUIRED
X	TT FUEL OIL MIXTURE	3	NA1993		3000 G		

Reid D Hall 1/20/95

emit C.O.D. to: Approval
ess: Job # S0843
State: Zip:

COD Amt: $

C. O. D. FEE:
Prepaid [X]
Collect [ ] $

FREIGHT CHARGES
[X] PREPAID [ ] COLLECT

OTE - Where the rate is dependent on value shippers are required to state specifically in writing e agreed or declared value of the property. The agreed or declared value of the property is specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions of the bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

ECEIVED, subject to the classifications and tariffs in effect on the date of issue of this bill of lading the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

By _____

PLACARDS REQUIRED: Combustible

PLACARDS SUPPLIED: [ ] YES [X] NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER CITY OF UTICA

PER: Edna C. Fitzpatrick

DATE: 1/20/95

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC

PER: _____

DATE: 1/20/95

EMERGENCY RESPONSE TELEPHONE NUMBER: (315) 471 - 0503

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

BOL-43 (REV. 7/94)

THIS MEMORANDUM

is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC. SCAC

Carrier's No. 7A-010

TO: INDUSTRIAL OIL TANK SERVICE CORP. CITY OF UTICA

Date 1-23-95

Consignee

Street ROUTE 31 AND CONRAIL

Destination VERONA, NY Zip 13478

FROM:
Shipper
Street: OSWEGO ST. (BOSSERT SITE)
Origin UTICA, NY Zip 13502

Route: R. 5 w. - R. 3 w. T

Vehicle Number 723045

U.S. DOT Hazmat Reg. No.

No. Shipping	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	ID Number	PACKING GROUP	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (if required)
	X	TT FUEL OIL MIXTURE	3					
TANK #2		START OUTAGE 8'				2500		
		FINISH 2'1"				3,473 gal corrected for temp		
		5'11" @ 587 gpf = 3473 gal						
		P.O. # 25640						

Ship C.O.D. to: Approval

Address: Job # S0843

City: State: Zip:

COD Amt: $

C. O. D. FEE: Prepaid ☐ Collect $

FREIGHT CHARGES ☒ PREPAID ☐ COLLECT

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is specifically stated by the shipper to be not exceeding $ Per

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Signature of Consignor

If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Signature of Consignor

The fair value of the property is hereby specifically stated by the shipper to be not exceeding $

Per

PLACARDS REQUIRED COMBUSTIBLE

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: CITY OF UTICA

PER:

DATE: 1-23-95

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC

PER: James J. Mauro (Dennis Mauro)

DATE: 1-23-95

EMERGENCY RESPONSE PHONE NUMBER: (315) 471 - 0503

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

B-DLS-3 (REV. 9/94)

THIS MEMORANDUM

[illegible] acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. [illegible]

CARRIER: [illegible] SCAC

Carrier's No. 34-010

Date 1/25/95

Consignee [illegible]
Street
Destination Zip

FROM:
Shipper City of Utica (Public Works)
Street [illegible] Street
Origin [illegible] N.Y. Zip

Route:

Vehicle Number [illegible]

No.	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	ID Number	PACKING GROUP	WEIGHT (Subject to Correction)	RATE	LABEL/PLACARD ORDERED
1		Ferric Chloride Solution	8	NA1760	-	3500 lb		
						3371 gal		

Remit C.O.D. to:
Address: Utica 13503
State: Zip:

COD Amt: $

C. O. D. Fee
Prepaid ☐
Collect $

FREIGHT CHARGES
☑ PREPAID ☐ COLLECT

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

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Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classifications and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

I hereby certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per [illegible]

PLACARDS REQUIRED Corrosive

PLACARDS SUPPLIED ☐ YES ☑ NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: City of Utica
PER: [illegible]
DATE: 1/25/95

CARRIER: [illegible] Transportation Inc
PER: David S. Marco David J. Marco
DATE: 1/25/95

EMERGENCY RESPONSE TELEPHONE NUMBER: [illegible]

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

CHEMTREC

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

[R]IER: ENVIRONMENTAL PRODUCTS AND SERVICES INC. SCAC

Carrier's No. 7A-010

Date 1-26-95

O: ENVIRONMENTAL PRODUCTS AND SERVICES INC.
[C]nee
[r] 532 STATE FAIR BLVD
[e]stination SYRACUSE, NY Zip 13204

FROM: CITY OF UTICA
Shipper
Street OSWEGO ST. (BOSSERT SITE)
Origin UTICA, NY Zip 13502

[R]oute: I-90 WEST TO I-81 SOUTH - HANNAFIN BLVD.

Vehicle Number 723045

U.S. DOT Hazmat Reg. No

[H]M	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	PACKING GROUP	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (if applicable)
[C]harges	TT WASTE NON-RCRA LIQUID, N.O.S. (OIL CONTAMINATED WATER)	NON-HAZARDOUS	NONE		45000		
					2839 - gals		
					weight initials		

[P]ermit C.O.D. to: Approval 7107
[C]harges: Job # S0843
[C]ity: State: Zip:

COD Amt: $

C. O. D. FEE:
Prepaid [X]
Collect [ ] $

FREIGHT CHARGES
[X] PREPAID [ ] COLLECT

6 - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is specifically stated by the shipper to be not exceeding $ Per

C.O.D. subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading. The property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

The agreed or declared value of the property is specifically stated by the shipper to be not exceeding $ Per

Shipper hereby certifies that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED: NONE

PLACARDS SUPPLIED: [ ] YES [X] NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: CITY OF UTICA
Per [signature]
1-26-95

CARRIER: ENVIRONMENTAL PRODUCTS AND SERVICES INC
PER: David J. Mead
DATE: 1-26-95

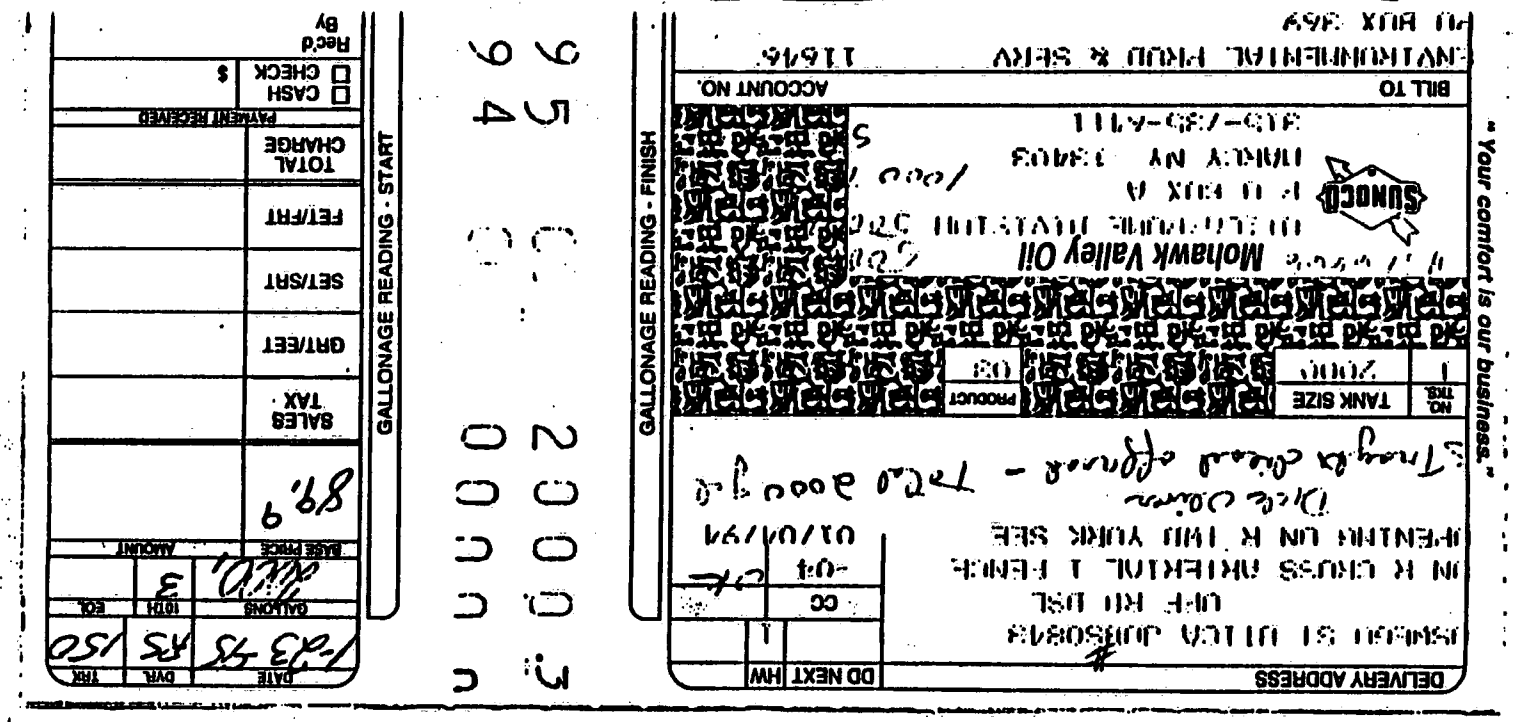
EMERGENCY RESPONSE TELEPHONE NUMBER: 315 471 - 0503

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

9-BLS-A3
(REV. 2/94)

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 1

To Chris Parzych	From Chris France
Co.	Co.
Dept.	Phone #
Fax #	Fax #



Mohawk Valley Oil, Inc.

SUNOCO

UTICA/ROME DIVISION
P O BOX A
MARCY NY 13403

FOR ALL INQUIRIES PLEASE CALL
315-735-6411

ACCOUNT # 1164620-04
DELIVERY INVOICE
DATE: 01/24/95
315-735-6411

Job # 50843 C/o Utica

RE: OSWEGO ST UTICA JOB50843 INVOICE NO. 778465

01/23/95	2000.3 GALS OFF RD DSL	@ 0.8990	1799.27
	DYED DIESEL FUEL		
	NON-TAXABLE USE ONLY		
	PENALTY FOR TAXABLE USE		

RECEIVED
JAN 25 1995

TERMS: 20 DAYS FROM DATE OF DELIVERY.

S.R.T.	201.03
G.R.T.	290.24
SALES TAX	167.08

IF PAID BY WEDNESDAY 02/01/95
PLEASE DEDUCT $100.02

The Finance Charge is computed at a periodic rate of 1 1/2% per month (Annual [redacted]ge rat[redacted]%) on [redacted] balance[redacted] Finance Charge [redacted]ulated [redacted]tances [redacted]and ow[redacted]educting [redacted]

C Munger 1-31-95

PLEASE DETACH AND RETURN THIS STUB WITH YOUR REMITTANCE.

AMOUNT ENCLOSED

DATE: 01/24/95 $2,455.62
02/01/95 100.02 2355.60

Mohawk Valley Oil, Inc.

UTICA/ROME DIVISION
P O BOX A
MARCY NY 13403

RE: OSWEGO ST UTICA JOB50843
INVOICE NO 778465

ACCOUNT # 1164620 04

ENVIRONMENTAL PROD & SERV
PO BOX 369
L[redacted]RP[redacted] N[redacted]130

CHAIN OF CUSTODY RECORD

O'BRIEN & GERE LABORATORIES, INC.

SURVEY:

LOCATION: Bossert Plant

SAMPLED BY: Paul Romero

ORGANIZATION: Horza Northeast

STATION NUMBER	SAMPLE LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	COMP. OR GRAB	NO. OF CONTAINERS	ANALYSIS REQUIRED
	SEC	1/26/95	10:30	Soil	Comp	1	TCLP 8021, TCLP BZ
	SWC					2	
	NS					1	
	Backfill Soil		3:30			1	

Relinquished By: Paul D. Romero	DATE 1/27/95	TIME	Received By: C-O-C faxed to J. Banikowski 1/27	DATE 1/27/95
Relinquished By:	DATE	TIME	Received By:	DATE
Relinquished By:	DATE	TIME	Received by Laboratory: Thomas A. Alfonso	DATE 1/27/95

COMMENTS:

This is a revised chain-of-custody sheet. NYSDEC requested that Leachability tests be taken instead of testing for totals.

SEC SWC NS recd 1/26/95 15:15 - hand delivered in a box - temp 6°C

Backfill recd 1-27-95 14:00 in box temp. 11°C

METHOD OF SHIPMENT:

Samples were take to OBG by Edwin Rahn (OBG) on 1/26/95 except for the backfill soil sample which was sent by overnight mail. on 1/2 to Jeff Banikowski.

ANALYTICAL RESULTS
Package: 4407
TCLP-V-8021-S
07-FEB-95

VOCs

Job No: 450.46.517 Sample: U9504 Desc: Southeast
Instrument: Tracor 540#2 QC Batch: 02069582 Extracted: 2-1-95 Sample size:
Column: DB-624, 30m x .53mm ID Primary Column: Y

Parameter	Result	Units	Wt	Date	Col	Notes
MTBE	<10.	ug/L	W	Feb-06	1	
Benzene	<.7	ug/L	W	Feb-06	1	
Toluene	<1.	ug/L	W	Feb-06	1	
Ethylbenzene	<1.	ug/L	W	Feb-06	1	
m-xylene+P-xylene	<1.	ug/L	W	Feb-06	1	
o-Xylene	<1.	ug/L	W	Feb-06	1	
Isopropylbenzene	<1.	ug/L	W	Feb-06	1	
n-Propylbenzene	<1.	ug/L	W	Feb-06	1	
1,3,5-Trimethylbenzene	<1.	ug/L	W	Feb-06	1	
Tert-Butylbenzene	<1.	ug/L	W	Feb-06	1	
1,2,4-Trimethylbenzene	<1.	ug/L	W	Feb-06	1	
sec-Butylbenzene	<1.	ug/L	W	Feb-06	1	
p-Isopropyltoluene	<1.	ug/L	W	Feb-06	1	
n-Butylbenzene	<1.	ug/L	W	Feb-06	1	
Naphthalene	<1.	ug/L	W	Feb-06	1	
Trifluorotoluene	98.	%	W	Feb-06	1	

ANALYTICAL RESULTS
Package: 4407
TCLP-V-8021-S
07-FEB-95

Job No: 450.46.517 Sample: U9505 Desc: Southwest
Instrument: Tracor 540#2 QC Batch: 020695S2 Extracted: 2-1-95 Sample size:
Column: DB-624, 30m x .53mm ID Primary Column: Y

Parameter	Result	Units	Wt	Date	Col	Notes
MTBE	<10.	ug/L	W	Feb-06	1	
Benzene	<.7	ug/L	W	Feb-06	1	
Toluene	<1.	ug/L	W	Feb-06	1	
Ethylbenzene	<1.	ug/L	W	Feb-06	1	
m-xylene+P-xylene	<1.	ug/L	W	Feb-06	1	
o-Xylene	<1.	ug/L	W	Feb-06	1	
Isopropylbenzene	<1.	ug/L	W	Feb-06	1	
n-Propylbenzene	<1.	ug/L	W	Feb-06	1	
1,3,5-Trimethylbenzene	<1.	ug/L	W	Feb-06	1	
Tert-Butylbenzene	<1.	ug/L	W	Feb-06	1	
1,2,4-Trimethylbenzene	<1.	ug/L	W	Feb-06	1	
sec-Butylbenzene	<1.	ug/L	W	Feb-06	1	
p-Isopropyltoluene	<1.	ug/L	W	Feb-06	1	
n-Butylbenzene	<1.	ug/L	W	Feb-06	1	
Naphthalene	<1.	ug/L	W	Feb-06	1	
Trifluorotoluene	100.	%	W	Feb-06	1	

ANALYTICAL RESULTS
Package: 4407
TCLP-V-8021-S
07-FEB-95

Job No: 450.46.517 Sample: U9506 Desc: North
Instrument: Tracor 540#2 QC Batch: 020695S2 Extracted: 2-1-95 Sample size:
Column: DB-624, 30m x .53mm ID Primary Column: Y

Parameter	Result	Units	Wt	Date	Col	Notes
MTBE	<10.	ug/L	W	Feb-06	1	
Benzene	<.7	ug/L	W	Feb-06	1	
Toluene	<1.	ug/L	W	Feb-06	1	
Ethylbenzene	<1.	ug/L	W	Feb-06	1	
m-xylene+P-xylene	<1.	ug/L	W	Feb-06	1	
o-Xylene	<1.	ug/L	W	Feb-06	1	
Isopropylbenzene	<1.	ug/L	W	Feb-06	1	
n-Propylbenzene	<1.	ug/L	W	Feb-06	1	
1,3,5-Trimethylbenzene	<1.	ug/L	W	Feb-06	1	
Tert-Butylbenzene	<1.	ug/L	W	Feb-06	1	
1,2,4-Trimethylbenzene	<1.	ug/L	W	Feb-06	1	
sec-Butylbenzene	<1.	ug/L	W	Feb-06	1	
p-Isopropyltoluene	<1.	ug/L	W	Feb-06	1	
n-Butylbenzene	<1.	ug/L	W	Feb-06	1	
Naphthalene	<1.	ug/L	W	Feb-06	1	
Trifluorotoluene	98.	%	W	Feb-06	1	

ANALYTICAL RESULTS
Package: 4418
TCLP-V-8021-S
07-FEB-95

Job No: 450.46.517 Sample: U9626 Desc: Backfill Soil
Instrument: Tracor 540#2 QC Batch: 020695S2 Extracted: 2-1-95 Sample size:
Column: DB-626, 30m x .53mm ID Primary Column: Y

Parameter	Result	Units	Wt	Date	Col	Notes
MTBE	<10.	ug/L	W	Feb-07	1	
Benzene	<.7	ug/L	W	Feb-07	1	
Toluene	<1.	ug/L	W	Feb-07	1	
Ethylbenzene	<1.	ug/L	W	Feb-07	1	
m-xylene+P-xylene	<1.	ug/L	W	Feb-07	1	
o-Xylene	<1.	ug/L	W	Feb-07	1	
Isopropylbenzene	<1.	ug/L	W	Feb-07	1	
n-Propylbenzene	<1.	ug/L	W	Feb-07	1	
1,3,5-Trimethylbenzene	2.	ug/L	W	Feb-07	1	
Tert-Butylbenzene	<1.	ug/L	W	Feb-07	1	
1,2,4-Trimethylbenzene	3.	ug/L	W	Feb-07	1	
sec-Butylbenzene	<1.	ug/L	W	Feb-07	1	
p-Isopropyltoluene	<1.	ug/L	W	Feb-07	1	
n-Butylbenzene	2.	ug/L	W	Feb-07	1	
Naphthalene	4.	ug/L	W	Feb-07	1	
Trifluorotoluene	89.	%	W	Feb-07	1	

ppb

O'BRIEN & GERE LABORATORIES, INC.

Laboratory Report

CLIENT CITY OF UTICA JOB NO. 450.046.517

DESCRIPTION Utica, NY

NYSDEC STARS Memo #1 - 8021* MATRIX: Solid

Date Extracted 2-1-95 DATE COLLECTED 1-26-95 DATE RECEIVED 1-26-95

Date Analyzed 2-6-95

Description:	Southeast	Southwest	North
Sample #	U9504	U9505	U9506
MTBE	<10.	<10.	<10.
BENZENE	<0.7	<0.7	<0.7
TOLUENE	<1.	<1.	<1.
ETHYLBENZENE	<1.	<1.	<1.
m & p-XYLENE	<1.	<1.	<1.
o-XYLENE	<1.	<1.	<1.
ISOPROPYLBENZENE	<1.	<1.	<1.
n-PROPYLBENZENE	<1.	<1.	<1.
1,3,5-TRIMETHYLBENZENE	<1.	<1.	<1.
tert-BUTYLBENZENE	<1.	<1.	<1.
1,2,4-TRIMETHYLBENZENE	<1.	<1.	<1.
sec-BUTYLBENZENE	<1.	<1.	<1.
p-ISOPROPYLTOLUENE	<1.	<1.	<1.
n-BUTYLBENZENE	<1.	<1.	<1.
NAPHTHALENE	<1.	<1.	<1.

Comments: *TCLP Method

Certification No.: 10155

Units: µg/l

Authorized: Thomas A. Lukowski

Date: March 1, 1995

O'Brien & Gere Laboratories, Inc., *an O'Brien & Gere Company*
5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'BRIEN & GERE LABORATORIES, INC.

Laboratory Report

CLIENT CITY OF UTICA JOB NO. 450.046.517

DESCRIPTION Utica, NY

NYSDEC STARS Memo #1 - 8021* MATRIX: Solid

Date Extracted 2-1-95 DATE COLLECTED 1-26-95 DATE RECEIVED 1-27-95

Date Analyzed 2-7-95

Description:	Backfill Soil
Sample #	U9626
MTBE	<10.
BENZENE	<0.7
TOLUENE	<1.
ETHYLBENZENE	<1.
m & p-XYLENE	<1.
o-XYLENE	<1.
ISOPROPYLBENZENE	<1.
n-PROPYLBENZENE	<1.
1,3,5-TRIMETHYLBENZENE	2.
tert-BUTYLBENZENE	<1.
1,2,4-TRIMETHYLBENZENE	3.
sec-BUTYLBENZENE	<1.
p-ISOPROPYLTOLUENE	<1.
n-BUTYLBENZENE	2.
NAPHTHALENE	4.

Comments: *TCLP Method

Certification No.: 10155

Units: µg/l

Authorized: [signature]

Date: March 1, 1995

O'Brien & Gere Laboratories, Inc., *an O'Brien & Gere Company*
5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Semivolatile Organics
TCLP * Method 8270

Client:	City of Utica	**Date Collected :**	01/26/95	**Inst. I.D.:**	HP5970#1
Job No.:	450.046.517	**Date Received :**	01/26/95	**Batch No:**	020795T1
Sample No.:	U9504	**Leachate Date:**	02/07/95	**Matrix:**	Water
Description:	Southeast	**Date Extracted :**	02/09/95	**Units:**	mg/l
		Date Analyzed :	24 Feb 95 22:20 p		

Analyte	Result	Q
Naphthalene	< 0.1	
Acenaphthylene	< 0.1	
Acenaphthene	< 0.1	
Fluorene	< 0.1	
Phenanthrene	< 0.1	
Anthracene	< 0.1	
Fluoranthene	< 0.1	
Pyrene	< 0.1	
Benzo[a]anthracene	< 0.1	
Chrysene	< 0.1	
Benzo[b]fluoranthene	< 0.1	
Benzo[k]fluoranthene	< 0.1	
Benzo[a]pyrene	< 0.1	
Indeno[1,2,3-cd]pyrene	< 0.1	
Dibenz[a,h]anthracene	< 0.1	
Benzo[g,h,i]perylene	< 0.1	

Methodology: EPA SW-846 Method 8270, Rev 1, 7/92
Certification No.: 10155
Comments: 1) m&p cresol cannot be separated.

*STARS Memo #1

Surrogates	%Rec	Limits
2-Fluorophenol	69	39-140
Phenol-d5	83	37-134
2,4,6-Tribromophenol	88	33-136

Surrogates	%Rec	Limits
Nitrobenzene-d5	81	55-154
2-Fluorobiphenyl	101	43-137
Terphenyl-d14	62	37-141

Authorized: _____

Date: March 1, 1995

O'Brien & Gere Laboratories, Inc.

Semivolatile Organics
TCLP * Method 8270

Client:	City of Utica	**Date Collected :**	01/26/95	**Inst. I.D.:**	HP5970#1
Job No.:	450.046.517	**Date Received :**	01/26/95	**Batch No:**	020795T1
Sample No.:	U9505	**Leachate Date:**	02/07/95	**Matrix:**	Water
Description:	Southwest	**Date Extracted :**	02/09/95	**Units:**	mg/l
		Date Analyzed :	24 Feb 95 22:49 p		

Analyte	Result	Q
Naphthalene	< 0.1	
Acenaphthylene	< 0.1	
Acenaphthene	< 0.1	
Fluorene	< 0.1	
Phenanthrene	< 0.1	
Anthracene	< 0.1	
Fluoranthene	< 0.1	
Pyrene	< 0.1	
Benzo[a]anthracene	< 0.1	
Chrysene	< 0.1	
Benzo[b]fluoranthene	< 0.1	
Benzo[k]fluoranthene	< 0.1	
Benzo[a]pyrene	< 0.1	
Indeno[1,2,3-cd]pyrene	< 0.1	
Dibenz[a,h]anthracene	< 0.1	
Benzo[g,h,i]perylene	< 0.1	

Methodology: EPA SW-846 Method 8270, Rev 1, 7/92
Certification No.: 10155
Comments: 1) m&p cresol cannot be separated.
*STARS Memo #1

Surrogates	%Rec	Limits
2-Fluorophenol	28	39-140
Phenol-d5	56	37-134
2,4,6-Tribromophenol	49	33-136

Surrogates	%Rec	Limits
Nitrobenzene-d5	86	55-154
2-Fluorobiphenyl	94	43-137
Terphenyl-d14	64	37-141

Authorized: _____

Date: March 1, 1995

O'Brien & Gere Laboratories, Inc.

Semivolatile Organics TCLP* Method 8270

Client:	City of Utica	**Date Collected :**	01/26/95	**Inst. I.D.:**	HP5970#1
Job No.:	450.046.517	**Date Received :**	01/26/95	**Batch No:**	020795T1
Sample No.:	U9506	**Leachate Date:**	02/07/95	**Matrix:**	Water
Description:	North	**Date Extracted :**	02/09/95	**Units:**	mg/l
		Date Analyzed :	24 Feb 95 23:17 p		

Analyte	Result	Q
Naphthalene	< 0.1	
Acenaphthylene	< 0.1	
Acenaphthene	< 0.1	
Fluorene	< 0.1	
Phenanthrene	< 0.1	
Anthracene	< 0.1	
Fluoranthene	< 0.1	
Pyrene	< 0.1	
Benzo[a]anthracene	< 0.1	
Chrysene	< 0.1	
Benzo[b]fluoranthene	< 0.1	
Benzo[k]fluoranthene	< 0.1	
Benzo[a]pyrene	< 0.1	
Indeno[1,2,3-cd]pyrene	< 0.1	
Dibenz[a,h]anthracene	< 0.1	
Benzo[g,h,i]perylene	< 0.1	

Methodology: EPA SW-846 Method 8270, Rev 1, 7/92
Certification No.: 10155
Comments: 1) m&p cresol cannot be separated.

*STARS Memo #1

Surrogates	%Rec	Limits
2-Fluorophenol	61	39-140
Phenol-d5	74	37-134
2,4,6-Tribromophenol	74	33-136

Surrogates	%Rec	Limits
Nitrobenzene-d5	90	55-154
2-Fluorobiphenyl	95	43-137
Terphenyl-d14	55	37-141

Authorized: Thomas Albrecht

Date: March 1, 1995

O'Brien & Gere Laboratories, Inc., an O'Brien & Gere Company

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Semivolatile Organics TCLP * Method 8270

Client:	City of Utica	**Date Collected :**	01/26/95	**Inst. I.D.:**	HP5970#1
Job No.:	450.046.517	**Date Received :**	01/27/95	**Batch No:**	020795T1
Sample No.:	U9626	**Leachate Date:**	02/07/95	**Matrix:**	Water
Description:	Backfill Soil	**Date Extracted :**	02/09/95	**Units:**	mg/l
		Date Analyzed :	24 Feb 95 23:45 p		

Analyte	Result	Q
Naphthalene	< 0.1	
Acenaphthylene	< 0.1	
Acenaphthene	< 0.1	
Fluorene	< 0.1	
Phenanthrene	< 0.1	
Anthracene	< 0.1	
Fluoranthene	< 0.1	
Pyrene	< 0.1	
Benzo[a]anthracene	< 0.1	
Chrysene	< 0.1	
Benzo[b]fluoranthene	< 0.1	
Benzo[k]fluoranthene	< 0.1	
Benzo[a]pyrene	< 0.1	
Indeno[1,2,3-cd]pyrene	< 0.1	
Dibenz[a,h]anthracene	< 0.1	
Benzo[g,h,i]perylene	< 0.1	

Methodology: EPA SW-846 Method 8270, Rev 1, 7/92
Certification No.: 10155
Comments: 1) m&p cresol cannot be separated.

*STARS Memo #1

Surrogates	%Rec	Limits
2-Fluorophenol	60	39-140
Phenol-d5	78	37-134
2,4,6-Tribromophenol	83	33-136

Surrogates	%Rec	Limits
Nitrobenzene-d5	91	55-154
2-Fluorobiphenyl	92	43-137
Terphenyl-d14	62	37-141

Authorized: _____

Date: March 1, 1995

O'Brien & Gere Laboratories, Inc., an O'Brien & Gere Company

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200